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and salts thereof where:

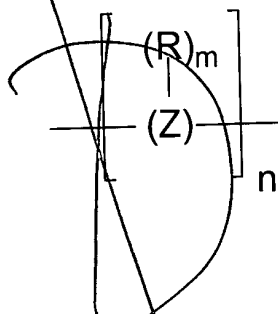
n is an integer ranging from 2 to about 2,000;

m is either 0 or 1, provided that m is 1 at least once in the compound and m is zero at least once in the compound when Z is an amino acid;

R is  $R_A$  or  $R_B$ , where  $R_A$  is  $C_{1-23}$  alkyl or alkenyl and  $R_B$  is a steroid selected from the group consisting of stigmasterol, ergosterol and cholic acid; and

Z is selected from the group consisting of an amino acid and a monosaccharide linked through Z-Z peptide bonds when Z is an amino acid and linked by Z-Z glycosidic bonds when Z is a monosaccharide and wherein when R is an alkyl group Z cannot be an acidic amino acid.

66. A compound with the repeating structure:



and salts thereof where:

n is an integer ranging from 2 to about 2,000;

m is either 0 or 1, provided that m is 1 at least once in the compound and m is zero at least once in the compound when Z is an amino acid;

R is  $R_A$  or  $R_B$ , where  $R_A$  is an alkyl or alkenyl group having 12 to 22 carbon atoms and  $R_B$  is a steroid selected from the group consisting of stigmasterol, ergosterol and cholic acid; and

Z is selected from the group consisting of an amino acid and a monosaccharide linked through Z-Z peptide bonds when Z is an amino acid and linked by Z-Z glycosidic bonds when Z is a monosaccharide. --

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Please amend claim 12, line 1, to rewrite "claim 11" as --claim 65--.

Please amend claim 15, line 1, to rewrite "claim 11" as --claim 65--.

Please amend claim 20, line 3, to rewrite "claim 11" as --claim 65--.

Please amend claim 21, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 22, lines 3-4, to rewrite "claim 11" as --claim 65--.

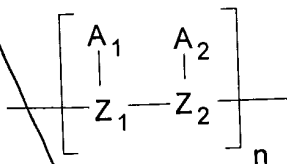
Please amend claim 31, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 32, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 34, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 36 as follows:

36(amended). A lipophilic polyamino acid [having] of the formula:



and salts thereof,

where:

$Z_1$  and  $Z_2$ , independently of one another, are both amino acids selected from the group consisting [or] of ornithine, lysine, arginine and histidine;

$n$  is an integer ranging from 1 to about 2,000;

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A<sub>1</sub> and A<sub>2</sub>, independently of one another, are selected from the group consisting of the groups X<sub>1</sub> - X<sub>6</sub> as follows:

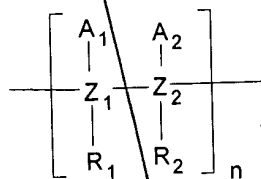
- B2
- X<sub>1</sub> is a straight-chain alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring -CH<sub>2</sub>- groups can be replaced with an O or S atom;
- X<sub>2</sub> is a branched alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring -CH<sub>2</sub>- groups can be replaced with an O or S atom;
- X<sub>3</sub> is a straight-chain or branched alkyl group substituted with one or two OH, SH, NH<sub>2</sub> or amine groups within about 3 carbon atoms of the bond between X<sub>3</sub> and Z;
- X<sub>4</sub> is a substituted straight-chain or branched alkyl, alkenyl or alkynyl group having from 2 to about 22 carbon atoms wherein the substituent is an aromatic, alicyclic, heterocyclic or polycyclic ring and wherein one or more of the non-neighboring -CH<sub>2</sub>- groups of said alkyl, alkenyl or alkynyl group can be substituted with an O or S atom[;];
- X<sub>5</sub> is a -B-L group wherein B is selected from the group -CO-, -CO<sub>2</sub>-, -OCO-, -CO-N-, -O-CO-N-, -O-CH<sub>2</sub>-, -CH<sub>2</sub>-O-, -S-CH<sub>2</sub>-, -CH<sub>2</sub>-S- or -CH<sub>2</sub>- and L is selected from the group consisting of
- X<sub>1</sub>, X<sub>2</sub>, X<sub>4</sub>, or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety; and

$X_6$  is a  $-\text{CH}(\text{D-L})_2$  or a  $-\text{C}(\text{D-L})_3$  group wherein D is selected from the group consisting of  $-\text{CO}-$ ,  $-\text{CO}_2-$ ,  $-\text{OCO}-$ ,  $-\text{CO-N}-$ ,  $-\text{O-CO-N}-$ ,  $-\text{O}-$ , or  $-\text{S}-$  and L is selected from the group consisting of:

$X_1$ ,  $X_2$ ,  $X_4$ , or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety].

Please amend claim 51 as follows:

51(amended). A lipophilic polycationic polysaccharide[s] of formula:



and salts thereof,

where:

$Z_1$  and  $Z_2$ , independently of one another, are monosaccharides;

$n$  is an integer ranging in value from 1 to about 600;

$R_1$  and  $R_2$ , independently of one another, are tertiary amines; and

$A_1$  and  $A_2$ , independently of one another, are selected from the group consisting of groups  $X_1 - X_{[6]_4}$  as follows:

$X_1$  is a straight-chain alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring  $-\text{CH}_2-$  groups can be replaced with an O or S atom;

X<sub>2</sub> is a branched alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring -CH<sub>2</sub>- groups can be replaced with an O or S atom;

X<sub>3</sub> is a straight-chain or branched alkyl group substituted with one or two OH, SH, NH<sub>2</sub> or amine groups within about 3 carbon atoms of the bond between X<sub>3</sub> and Z;

X<sub>4</sub> is a substituted straight-chain or branched alkyl, alkenyl or alkynyl group having from 2 to about 22 carbon atoms wherein the substituent is an aromatic, alicyclic, heterocyclic or polycyclic ring and wherein one or more of the non-neighboring -CH<sub>2</sub>- groups of said alkyl, alkenyl or alkynyl group can be substituted with an O or S atom[;

X<sub>5</sub> is a -B-L group wherein B is selected from the group -CO-, -CO<sub>2</sub>-, -OCO-, -CO-N-, -O-CO-N-, -O-CH<sub>2</sub>-, -CH<sub>2</sub>-O-, -S-CH<sub>2</sub>-, -CH<sub>2</sub>-S- or -CH<sub>2</sub>- and L is selected from the group consisting of

X<sub>1</sub>, X<sub>2</sub>, X<sub>4</sub>, or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety; and

X<sub>6</sub> is a -CH(D-L)<sub>2</sub> or a -C(D-L)<sub>3</sub> group wherein D is selected from the group consisting of -CO-, -CO<sub>2</sub>-, -OCO-, -CO-N-, -O-CO-N-, -O-, or -S- and L is selected from the group consisting of:

X<sub>1</sub>, X<sub>2</sub>, X<sub>4</sub>, or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety].

Please cancel claims 45 and 59 without prejudice.